



BLUE WATER

70 m Offshore Patrol Vessel

Main Dimensions

Length overall70.2 m
 Beam overall 11.0 m
 Draught3.5 m
 Displacement 1,200 t
 ClassificationLR+100 A1 NS-3 OFFSHORE PATROL
 VESSEL, SA1, AIR, LMC, UMS or equiv. DNV

Capacities

Complementup to 70
 Fuel~200 m³
 Aviation fuel ~15 m³

Performance

Speed20-26 kn
 Range6,000+ nm at 12 kn
 Endurance30 days

Propulsion

PrincipleCODAD / diesel-mechanic
 Diesel engines 2x ~4,000 kW
 Propeller 2x CPP
 Bow thruster 1x ~200 kW



FASSMER
DEFENCE



Mission Deck

- 5x 20' mission modules
- ASW/towed array sonar
- UUV/USV-integration
- Mine warfare

Air Interface

- 21.6x11 m flight deck with HIFR
- up to 11t MTOW helicopter

Top Deck Mission Hold

- 2x 20' mission modules (UAV)
- 8x SSM
- VLS
- Decoy launcher
- Hangar facilities

Mission Awareness

- Configurable mast design with surveillance radar, EOD/S, ESM
- „Opti“-Bridge 360° centralized ship management NAV, CIC, CMS, IPMS

Main Gun

- 30 to 76 mm

Machinery

- CODAD power plant with 4x high-speed or 2x medium-speed diesel engines
- PTO/PTI

Accommodation

- High-standard living and social areas

Auxiliary Guns

- 1 or 2x 20 to 30mm RWS
- 4x 12.7mm HMG

Naval Features

- Reduced radar signature
- 2 damage control zones
- 2 separate generator spaces
- Stability acc. UK MOD DEFSTAN 02-900
- NBC protection system

Sea Interface

- 2x RHIB/USV up to 10 m side launched or
- 2x RHIB/USV up to 8.5 m stern launched
- 2x Rescue zones/divers-/boat access close to waterline

Final configuration to be agreed upon with the end user.